

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 01255514
PUBLICATION DATE : 12-10-89

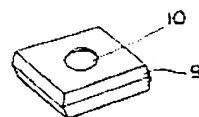
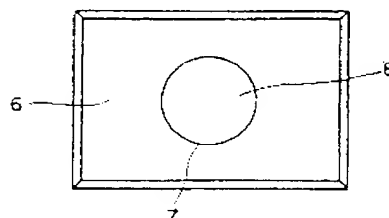
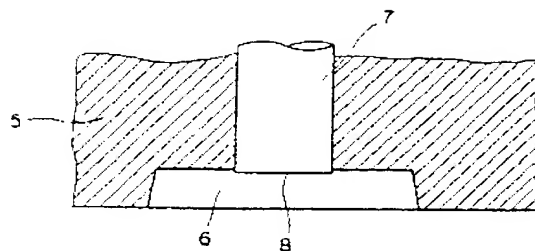
APPLICATION DATE : 05-04-88
APPLICATION NUMBER : 63082198

APPLICANT : PIONEER VIDEO CORP;

INVENTOR : KOARAI MITSURU;

INT.CL. : B29C 45/37 H01L 21/56 // B29L 31:34

TITLE : TRANSFER MOLD DIE



ABSTRACT : PURPOSE: To carry out mirror processing easily by installing an ejector pin with its end face as a mirror surface in a position facing to a light accepting surface of a light accepting element in a cavity for molding the light accepting element.

CONSTITUTION: An ejector pin 7 is installed being able to be disclosed or undisclosed in a position to a light accepting surface of a light accepting element molded in a cavity 6, that is in the center. The end of said ejector pin 7 is finished as a mirror surface 8, smooth and of high accuracy. Transparent plastic such as epoxy resin or the like is injected into the cavity 6, and the plastic is heated by the heat of a mold block 5 heated by a heater and cured, while the surface of said plastic mold 9 is finished up with the surface roughness same as the surface roughness of the cavity 6. As a result, the roughness of the surface of a light accepting surface 10 of the plastic mold 9 is determined by the mirror surface 8 of the ejector pin 7, and a mirror surface of highly accurate finishing is formed.

COPYRIGHT: (C)1989,JPO&Japio